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ATTORNEY DOCKET NO. FIRST NAMED INVENTOR FILING DATE APPLICATION NO. A-59709-3/JA D MACLEOD 08/02/00 09/631,438 **EXAMINER** MMC1/1206 LE.D JAMES A SHERIDAN FLEHR HOHBACH TEST ALBRITTON & HERBERT L PAPER NUMBER **ART UNIT SUITE 3400** 2834 FOUR EMBARCADERO CENTER

DATE MAILED:

12/06/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Applicant(s)

Application No.

09/631,438

Examiner

Office Action Summary

MacLeod et al.

Group Art Unit

Dang Dinh Le

2834



This action is FINAL .	
Since this application is in condition for allowance except for accordance with the practice under Ex parte Quayle, 19.	35 C.D. 11; 453 O.G. 215.
A shortened statutory period for response to this action is set is longer, from the mailing date of this communication. Failure application to become abandoned. (35 U.S.C. § 133). Extens 37 CFR 1.136(a).	P IN IRRIGILL WILLIAM LIFE DOLLOG TOLLOGO TOLLOGO TOLLOGO
Disposition of Claims	is/are panding in the application
X Claim(s) <u>6-8</u>	is/are pending in the application.
Of the above, claim(s)	is/are withdrawn from consideration
Claim(s)	is/are allowed.
X Claim(s) 6-8	is/are rejected.
Claim(s)	is/are objected to.
	are subject to restriction or election requirement.
 ☐ The proposed drawing correction, filed on ☐ The proposed drawing correction, filed on ☐ The specification is objected to by the Examiner. ☐ The oath or declaration is objected to by the Examiner Priority under 35 U.S.C. § 119 ☐ Acknowledgement is made of a claim for foreign prior ☐ All ☐ Some* ☐ None of the CERTIFIED copie ☐ received. ☐ received in Application No. (Series Code/Serial ☐ received in this national stage application from *Certified copies not received: ☐ Acknowledgement is made of a claim for domestic prior 	is approved disapproved. ity under 35 U.S.C. § 119(a)-(d). s of the priority documents have been Number) the International Bureau (PCT Rule 17.2(a)).
Attachment(s) X Notice of References Cited, PTO-892 Information Disclosure Statement(s), PTO-1449, Paper Interview Summary, PTO-413 Notice of Draftsperson's Patent Drawing Review, PTO-152	er No(s)
SEE OFFICE ACTION	ON THE FOLLOWING PAGES

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DETAILED ACTION

Oath/Declaration

1. The oath or declaration is defective. A new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing date is required. See MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because:

- * There are no signatures of second and fourth inventors.
- * Application number 09/158641, filed 9/22/98 should have been identified as patent no. 6,124,776 instead of being abandoned.

Drawings

2. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the "pairs of axially directed wires" must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Specification

- 3. This application does not contain an abstract of the disclosure as required by 37 CFR 1.72(b). An abstract on a separate sheet is required.
- 4. The disclosure is objected to because of the following informalities:
 - a. Page 4, line 10, replace "FIGURE 4 shows" with -- FIGURES 4A and 4B show --.
 Appropriate correction is required.

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5. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed. The following title is suggested: -- Magnetizing Apparatus --.

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 6-8 are rejected under 35 U.S.C. 102(b) as being anticipated by Soeda et al.

Regarding claim 6, Soeda et al. show a magnetizer (Figure 12) for magnetizing a magnet with a null zone intermediate alternating poles (30b) comprising an insulating core supporting pairs of axially directed wires (22), each pair of wires adapted to carry current in the same axial direction, and a back iron (8) axially spaced from the core by a sufficient axial gap to allow the magnet to be magnetized to slip into the gap, the flux being shaped (by shorting yoke portions 21) to create alternating magnetic poles (30a and 30c) separated by a null zone (30b) around the magnet.

Regarding claim 7, it is noted Soeda et al. also show the gap being of sufficient radial extent that a portion of the gap remains open when the magnet is inserted so that the transition zone (30b) of the magnet is softened.

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Regarding claim 8, Soeda et al. show a magnetizer for magnetizing a magnet with a null zone intermediate alternating poles comprising:

* means (8) for supporting the magnet in the magnetizer and

* conductive means (Figure 12) for creating a flux path (F, F1, and F2) through the magnet which establish the null zone (30b) in the magnet.

Information on How to Contact USPTO

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dang Dinh Le whose telephone number is (703) 305-0156.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 308-0956. The fax number for this group is (703) 305-3431 and 305-3432.

DDL

December 2, 2000

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